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Concl
even date herewith, which is hereby incorporated by reference in its entirety for all purposes.

Please amend the specification on page 7, line 3 as follows:

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FIG. 4 illustrates a compound of the present invention (dTTP-BQS(++)-
BODIPYTR);

IN THE CLAIMS:

Please cancel claim 15 without prejudice or disclaimer.

Please amend claims 1, 6 and 18 as follows:

1 1. (Amended) A method for separating an intact NP probe from a
2 phosphate detectable moiety, said method comprising:
3 a) providing a sample comprising an intact NP probe with a
4 detectable moiety attached thereto, whereupon an enzymatic cleavage of said intact NP
5 probe to incorporate said NP probe on a primer strand hybridized to a target nucleic acid,
6 a phosphate detectable moiety is produced, wherein said phosphate detectable moiety
7 carries a molecular charge which is different than the molecular charge of said intact NP
8 probe; and
9 b) applying an energy field to said sample, thereby separating said
10 phosphate detectable moiety from said intact NP probe.

1 6. (Amended) The method according to claim 5, wherein said polymerase
2 is immobilized.

1 18. (Amended) A method for identifying an intact charge-switch
2 nucleotide phosphate (NP) probe, said method comprising:
3 a) contacting a sample comprising an intact charge-switch NP probe
4 having a charged moiety on the base, with an enzyme to produce a phosphate detectable
5 moiety; and